

Human CARF Antibody

Antigen Affinity-purified Polyclonal Goat IgG Catalog Number: AF4195

DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human CARF in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	E. coli-derived recombinant human CARF Ser379-Leu579 Accession # Q9NXV6
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

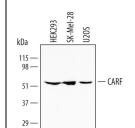
Western Blot

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	1 μg/mL	See Below

DATA

19



Detection of Human CARF by Western Blot. Western blot shows lysates of HEK293 human embryonic kidney cell line, SK-Mel-28 human malignant melanoma cell line, and U2OS human osteosarcoma cell line. PVDF membrane was probed with 1 µg/mL of Human CARF Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4195) followed by HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF017). A specific band was detected for CARF at approximately 61 kDa (as indicated). This experiment was conducted using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE			
Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.		
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C		
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.		

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

CARF (collaborator of ARF) is a component of the ARF-MDM2-p53 pathway. CARF interacts with ARF in the nucleolus accentuating ARF-mediated p53 stabilization and activation. Data also suggests that in the absence of ARF, CARF interacts directly with p53 in the nucleoplasm resulting in a moderate stabilization and activation of p53.

Rev. 2/6/2018 Page 1 of 1

